

# Charlotte L Oskam

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,367  
citations

236833

25  
h-index

214721

47  
g-index

63  
all docs

63  
docs citations

63  
times ranked

3125  
citing authors

#	ARTICLE	IF	CITATIONS
1	The half-life of DNA in bone: measuring decay kinetics in 158 dated fossils. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4724-4733.	1.2	478
2	Recent insights into the tick microbiome gained through next-generation sequencing. <i>Parasites and Vectors</i> , 2018, 11, 12.	1.0	146
3	Extinct New Zealand megafauna were not in decline before human colonization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4922-4927.	3.3	109
4	Fossil avian eggshell preserves ancient DNA. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1991-2000.	1.2	103
5	Utilising Mobile-Augmented Reality for Learning Human Anatomy. <i>Procedia, Social and Behavioral Sciences</i> , 2015, 197, 659-668.	0.5	99
6	Inhibition of the endosymbiont <i>Candidatus Midichloria mitochondrii</i> during 16S rRNA gene profiling reveals potential pathogens in Ixodes ticks from Australia. <i>Parasites and Vectors</i> , 2015, 8, 345.	1.0	95
7	Identification of microsatellites from an extinct moa species using high-throughput (454) sequence data. <i>BioTechniques</i> , 2009, 46, 195-200.	0.8	94
8	New Technologies for Detection of Enteric Parasites. <i>Trends in Parasitology</i> , 2017, 33, 532-546.	1.5	94
9	The genus <i>Borrelia</i> reloaded. <i>PLoS ONE</i> , 2018, 13, e0208432.	1.1	88
10	Novel <i>Borrelia</i> species detected in echidna ticks, <i>Bothriocroton concolor</i> , in Australia. <i>Parasites and Vectors</i> , 2016, 9, 339.	1.0	63
11	First glimpse into the origin and spread of the Asian longhorned tick, <i>Haemaphysalis longicornis</i> , in the United States. <i>Zoonoses and Public Health</i> , 2020, 67, 637-650.	0.9	61
12	Bacterial Profiling Reveals Novel <i>Ca. Neohrlichia</i> , <i>Ehrlichia</i> , and <i>Anaplasma</i> Species in Australian Human-Biting Ticks. <i>PLoS ONE</i> , 2015, 10, e0145449.	1.1	58
13	<i>Cryptosporidium</i> species and subtypes in animals inhabiting drinking water catchments in three states across Australia. <i>Water Research</i> , 2018, 134, 327-340.	5.3	54
14	Endemic, exotic and novel apicomplexan parasites detected during a national study of ticks from companion animals in Australia. <i>Parasites and Vectors</i> , 2018, 11, 197.	1.0	49
15	Zoonotic <i>Cryptosporidium</i> Species in Animals Inhabiting Sydney Water Catchments. <i>PLoS ONE</i> , 2016, 11, e0168169.	1.1	47
16	Profiling the diversity of <i>Cryptosporidium</i> species and genotypes in wastewater treatment plants in Australia using next generation sequencing. <i>Science of the Total Environment</i> , 2018, 644, 635-648.	3.9	45
17	Rejection of the name <i>Borrelia</i> and all proposed species comb. nov. placed therein. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 3577-3581.	0.8	43
18	An extremely low-density human population exterminated New Zealand moa. <i>Nature Communications</i> , 2014, 5, 5436.	5.8	42

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19	A survey of ticks (Acari: Ixodidae) of companion animals in Australia. <i>Parasites and Vectors</i> , 2016, 9, 207.	1.0	42
20	Profiling the Dead: Generating Microsatellite Data from Fossil Bones of Extinct Megafauna—Protocols, Problems, and Prospects. <i>PLoS ONE</i> , 2011, 6, e16670.	1.1	39
21	Molecular characterization of <i>Candidatus Borrelia tachyglossi</i> <sup>TM</sup> (family Spirochaetaceae) in echidna ticks, <i>Bothriocroton concolor</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1075-1080.	0.8	39
22	High-precision dating and ancient DNA profiling of moa (Aves: Dinornithiformes) eggshell documents a complex feature at Wairau Bar and refines the chronology of New Zealand settlement by Polynesians. <i>Journal of Archaeological Science</i> , 2014, 50, 24-30.	1.2	38
23	Next Generation Sequencing uncovers within-host differences in the genetic diversity of <i>Cryptosporidium</i> gp60 subtypes. <i>International Journal for Parasitology</i> , 2017, 47, 601-607.	1.3	38
24	Genome-wide analysis of <i>Borrelia turcica</i> and <i>Candidatus Borrelia tachyglossi</i> <sup>TM</sup> shows relapsing fever-like genomes with unique genomic links to Lyme disease <i>Borrelia</i> . <i>Infection, Genetics and Evolution</i> , 2018, 66, 72-81.	1.0	28
25	Retrospective analysis of <i>Cryptosporidium</i> species in Western Australian human populations (2015–2018), and emergence of the <i>C. hominis</i> lfA12G1R5 subtype. <i>Infection, Genetics and Evolution</i> , 2019, 73, 306-313.	1.0	28
26	<i>Cryptosporidium abrahamseni</i> n. sp. (Apicomplexa: Cryptosporididae) from red-eye tetra ( <i>Moenkhausia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	27
27	<i>Cryptosporidium bollandi</i> n. sp. (Apicomplexa: Cryptosporididae) from angelfish ( <i>Pterophyllum scalare</i> ) and Oscar fish ( <i>Astronotus ocellatus</i> ). <i>Experimental Parasitology</i> , 2020, 217, 107956.	0.5	25
28	A novel <i>Ehrlichia</i> species in blood and <i>Ixodes ornithorhynchi</i> ticks from platypuses ( <i>Ornithorhynchus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	23
29	Ancient DNA analyses of early archaeological sites in New Zealand reveal extreme exploitation of moa (Aves: Dinornithiformes) at all life stages. <i>Quaternary Science Reviews</i> , 2012, 52, 41-48.	1.4	20
30	Molecular Characterization of <i>Haemaphysalis</i> Species and a Molecular Genetic Key for the Identification of <i>Haemaphysalis</i> of North America. <i>Frontiers in Veterinary Science</i> , 2020, 7, 141.	0.9	20
31	Sequence analyses at mitochondrial and nuclear loci reveal a novel <i>Theileria</i> sp. and aid in the phylogenetic resolution of piroplasms from Australian marsupials and ticks. <i>PLoS ONE</i> , 2019, 14, e0225822.	1.1	19
32	Molecular investigation into the presence of a <i>Coxiella</i> sp. in <i>Rhipicephalus sanguineus</i> ticks in Australia. <i>Veterinary Microbiology</i> , 2017, 201, 141-145.	0.8	15
33	Detecting respiratory bacterial communities of wild dolphins: implications for animal health. <i>Marine Ecology - Progress Series</i> , 2019, 622, 203-217.	0.9	15
34	Quantitative Real-Time PCR in aDNA Research. <i>Methods in Molecular Biology</i> , 2012, 840, 121-132.	0.4	13
35	Bacterial community profiling highlights complex diversity and novel organisms in wildlife ticks. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101407.	1.1	13
36	Molecular and morphological analyses of avian eggshell excavated from a late thirteenth century earth oven. <i>Journal of Archaeological Science</i> , 2011, , .	1.2	12

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37	Molecular surveillance of piroplasms in ticks from small and medium-sized urban and peri-urban mammals in Australia. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2018, 7, 197-203.	0.6	12
38	Molecular analysis of cryptosporidiosis cases in Western Australia in 2019 and 2020 supports the occurrence of two swimming pool associated outbreaks and reveals the emergence of a rare <i>C. hominis</i> IbA12G3 subtype. <i>Infection, Genetics and Evolution</i> , 2021, 92, 104859.	1.0	12
39	Molecular identification of the <i>Trypanosoma</i> ( <i>Herpetosoma</i> ) <i>lewisii</i> clade in black rats ( <i>Rattus rattus</i> ) from Australia. <i>Parasitology Research</i> , 2020, 119, 1691-1696.	0.6	11
40	An Australian dog diagnosed with an exotic tick-borne infection: should Australia still be considered free from <i>Hepatozoon canis</i> ?. <i>International Journal for Parasitology</i> , 2018, 48, 805-815.	1.3	10
41	Illuminating the bacterial microbiome of Australian ticks with 16S and <i>Rickettsia</i> -specific next-generation sequencing. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100037.	0.7	9
42	Characterization of two complete <i>Isospora</i> mitochondrial genomes from passerine birds: <i>Isospora serinuse</i> in a domestic canary and <i>Isospora manorinae</i> in a yellow-throated miner. <i>Veterinary Parasitology</i> , 2017, 237, 137-142.	0.7	8
43	Blood Parasites in Endangered Wildlife-Trypanosomes Discovered during a Survey of Haemoprotozoa from the Tasmanian Devil. <i>Pathogens</i> , 2020, 9, 873.	1.2	8
44	Haemoprotozoan surveillance in peri-urban native and introduced wildlife from Australia. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100052.	0.7	8
45	The bacterial biome of ticks and their wildlife hosts at the urban-wildland interface. <i>Microbial Genomics</i> , 2021, 7, .	1.0	8
46	Zoonotic infection by <i>Cryptosporidium fayeri</i> (VgA10G1T1R1) in a Western Australian human. <i>Zoonoses and Public Health</i> , 2021, 68, 358-360.	0.9	7
47	A molecular characterization of a newly discovered megafaunal fossil site in North Canterbury, South Island, New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 2012, 42, 241-256.	1.0	6
48	Identification of <i>Theileria fuliginosa</i> -like species in <i>Ixodes australiensis</i> ticks from western grey kangaroos ( <i>Macropus fuliginosus</i> ) in Western Australia. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 632-637.	1.1	6
49	Automatic Barcode Gap Discovery reveals large <i>COI</i> intraspecific divergence in Australian <i>Ixodidae</i> . <i>Zootaxa</i> , 2019, 4656, 393-396.	0.2	6
50	Response to the Letter to the Editor by Harris. <i>Parasites and Vectors</i> , 2019, 12, 178.	1.0	6
51	Comment on: Gupta, 2019, distinction between <i>Borrelia</i> and <i>Borreliella</i> is more robustly supported by molecular and phenotypic characteristics than all other neighbouring prokaryotic genera: Response to Margos <sup>TM</sup> et al. "The genus <i>Borrelia</i> reloaded" ( <i>PLoS One</i> 13(12): e0208432). <i>PLoS One</i> 14(8):e0221397. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101320.	1.1	6
52	DNA Extraction from Fossil Eggshell. <i>Methods in Molecular Biology</i> , 2012, 840, 65-70.	0.4	5
53	Bacterial tick-associated infections in Australia: current studies and future directions. <i>Microbiology Australia</i> , 2018, 39, 200.	0.1	3
54	Rethinking <i>Coxiella</i> infections in Australia. <i>Microbiology Australia</i> , 2018, 39, 223.	0.1	3

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55	First record of the stump-tailed lizard tick, <i>Amblyomma albolimbatum</i> (Ixodida, Ixodidae) parasitising a human.. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101873.	1.1	3
56	New host records for ticks (Acari : Ixodidae) from the echidna ( <i>Tachyglossus aculeatus</i> ) revealed in Australian museum survey. <i>Australian Journal of Zoology</i> , 2017, 65, 379.	0.6	2
57	Australian penguin ticks screened for novel <i>Borrelia</i> species. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 410-414.	1.1	2
58	Comparison of morphological and molecular methods to identify the diet of a generalist omnivore. <i>Wildlife Research</i> , 2020, , .	0.7	2
59	Bizygomatic breadth determination in damaged skulls. <i>International Journal of Osteoarchaeology</i> , 2010, 20, 540-548.	0.6	1
60	Knowledge, Attitude and Practices Towards <i>Cryptosporidium</i> Among Public Swimming Pool Patrons and Staff in Western Australia. <i>Acta Parasitologica</i> , 2021, , 1.	0.4	1